

FIG. 1

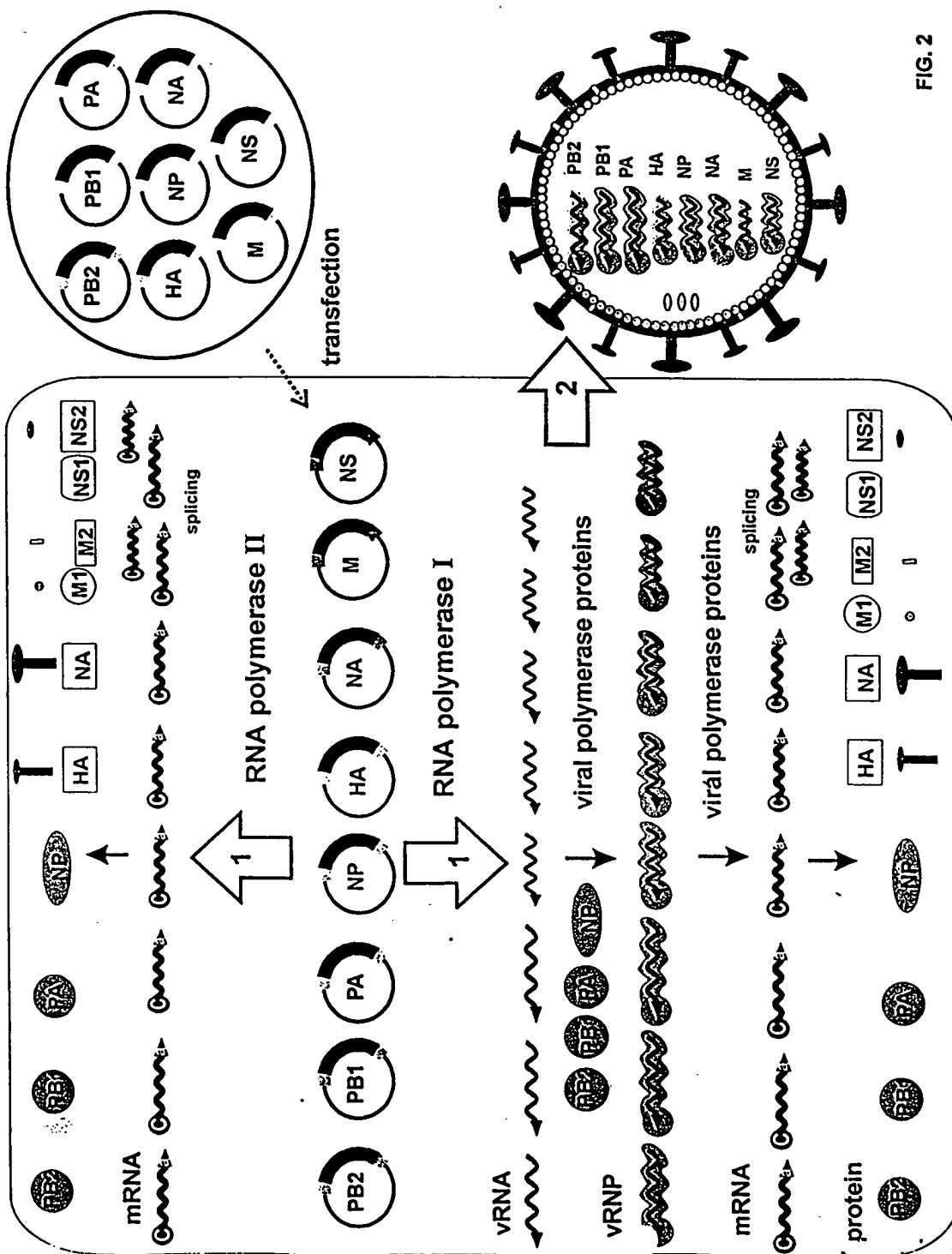
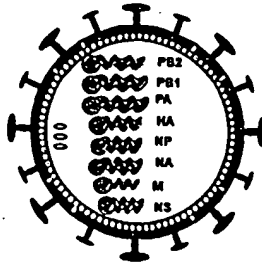


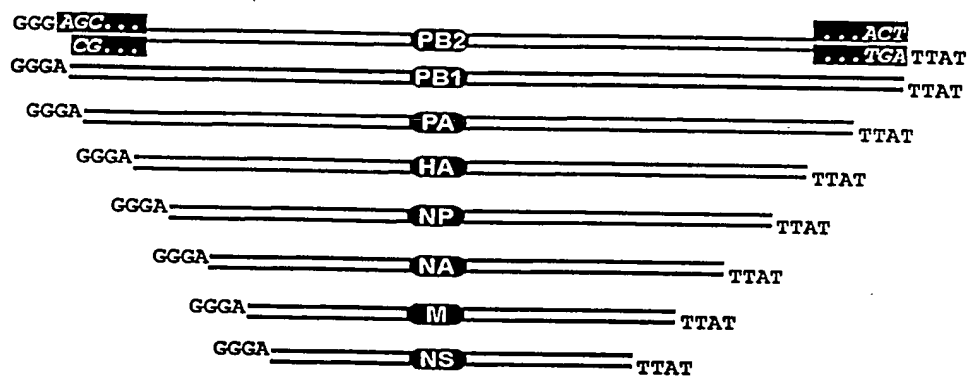
FIG. 2



A/Teal/HK/W312/97 (H6N1)

RNA extraction
8 Reverse transcriptase-PCRs
Digestion of PCR fragments with
BsmBI or *BsaI*

dsDNA



Insertion into pHW2000-*BsmBI*

5' - ~~TCGGAAGTTCGGGGGGGAGGAGACGGTACCGTCTCC~~ ~~ATGATGCGGCGGG~~ - 3'
3' - ~~AGGCTTCAACCCCGCTCCTCTGCCATGGCAGAGGTAT~~ ~~TGGGTCGGCGG~~ - 5'

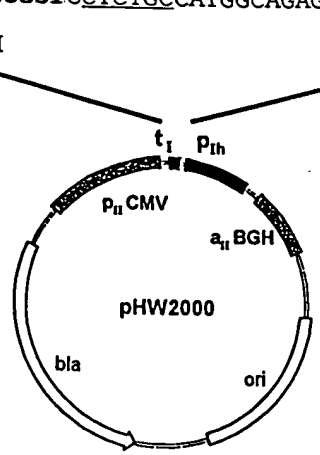


FIG.3 A

Expression plasmids

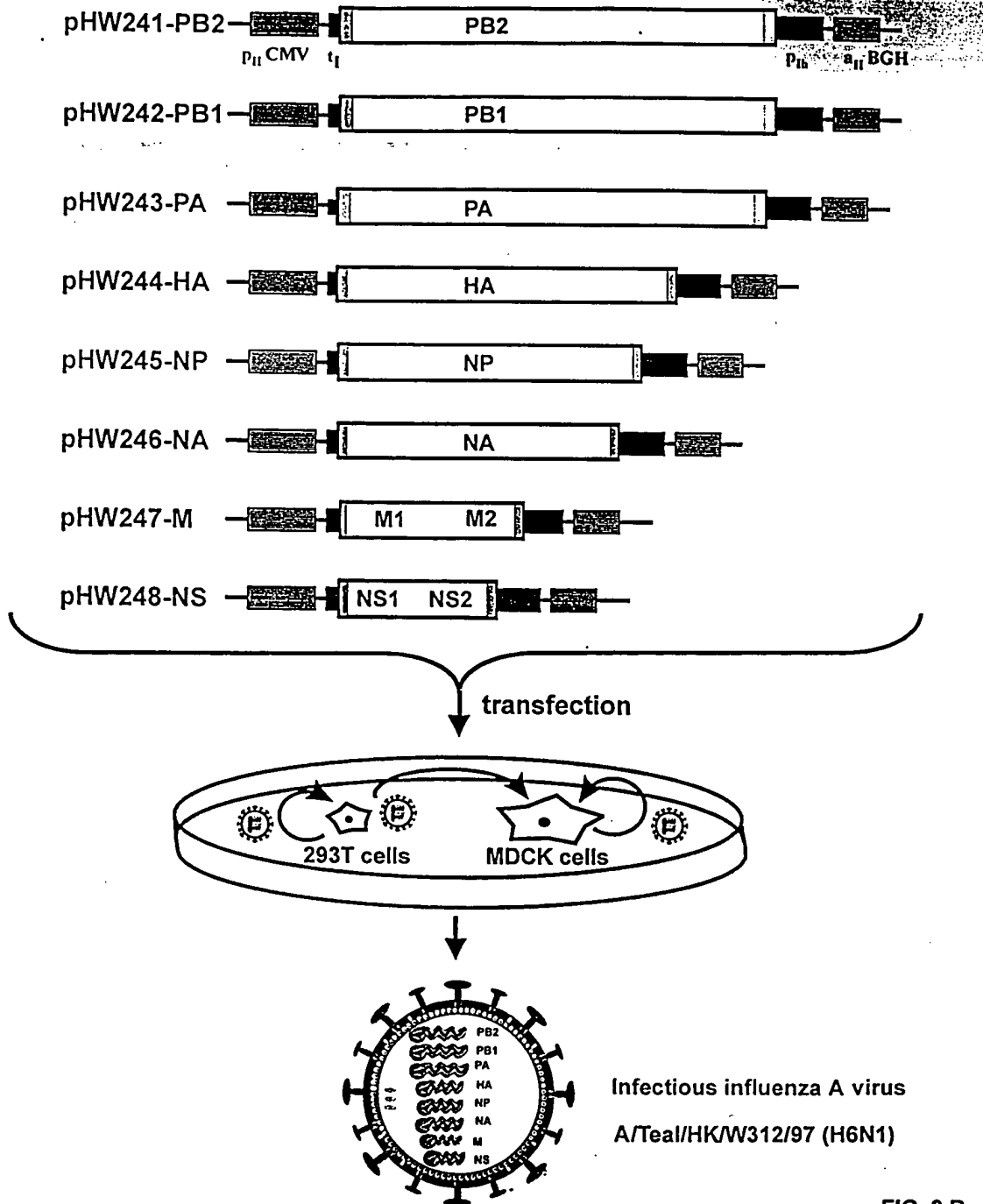


FIG. 3 B

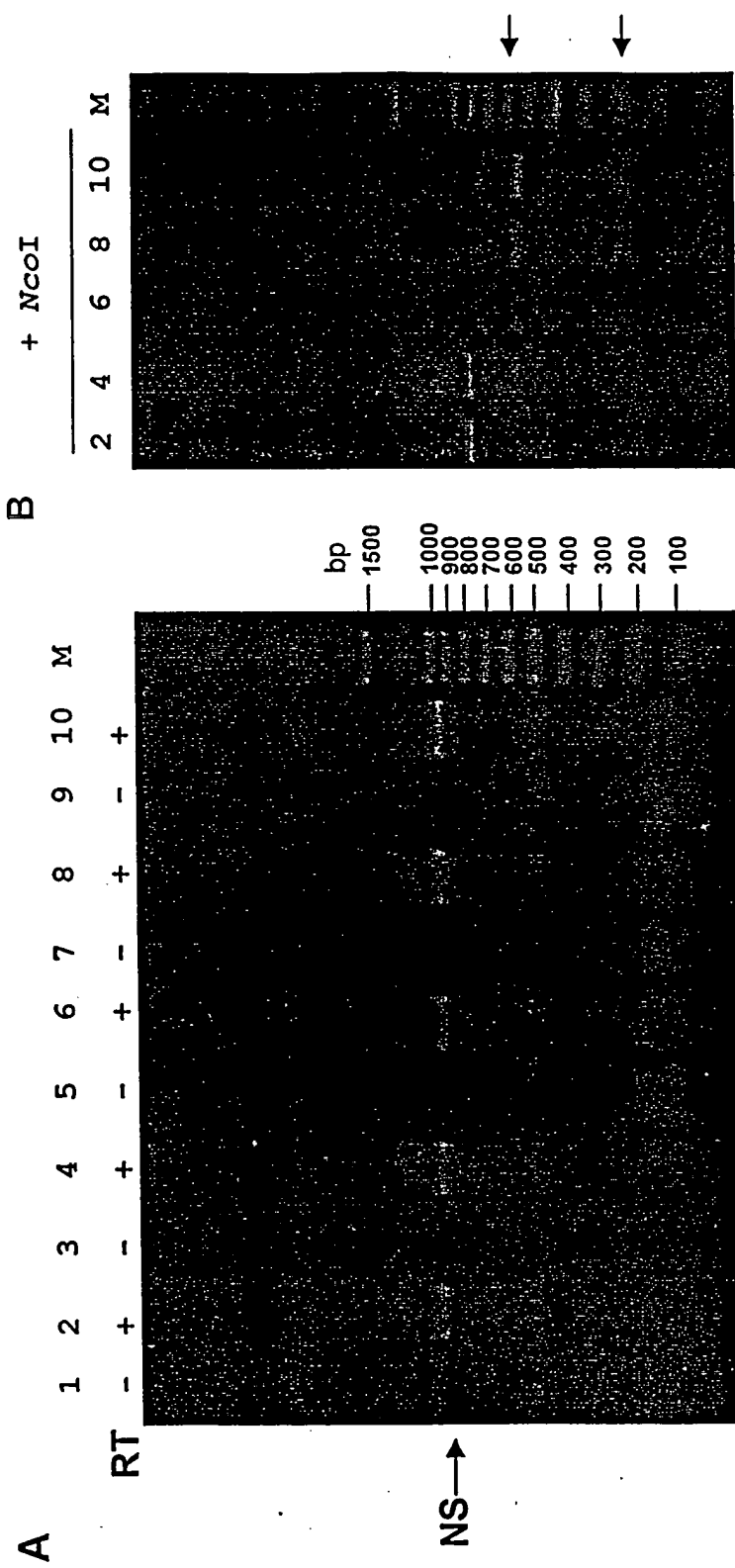


FIG. 4

Fig. 5

unidirectional pol I-pol II transcription system:

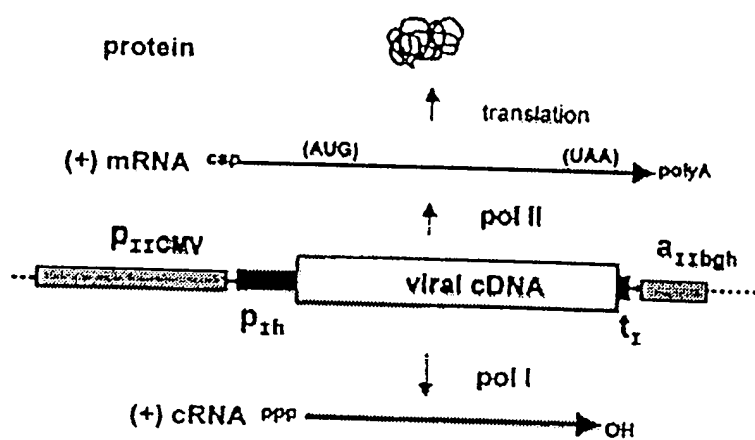


Fig. 6

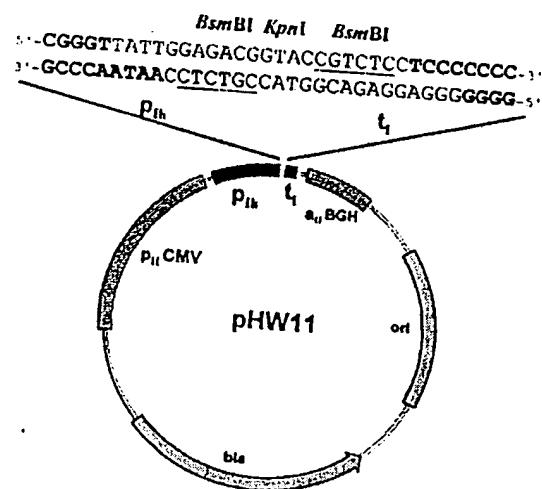


Fig. 7

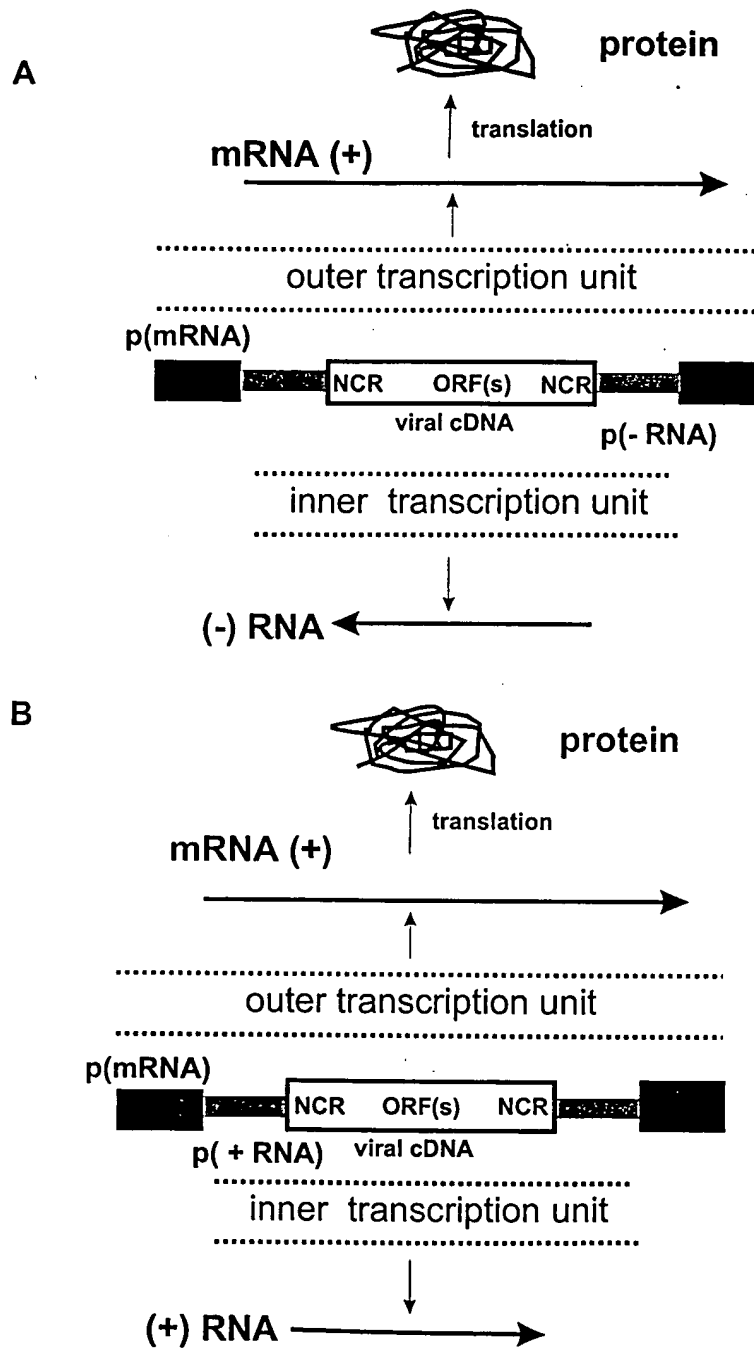


Fig. 8

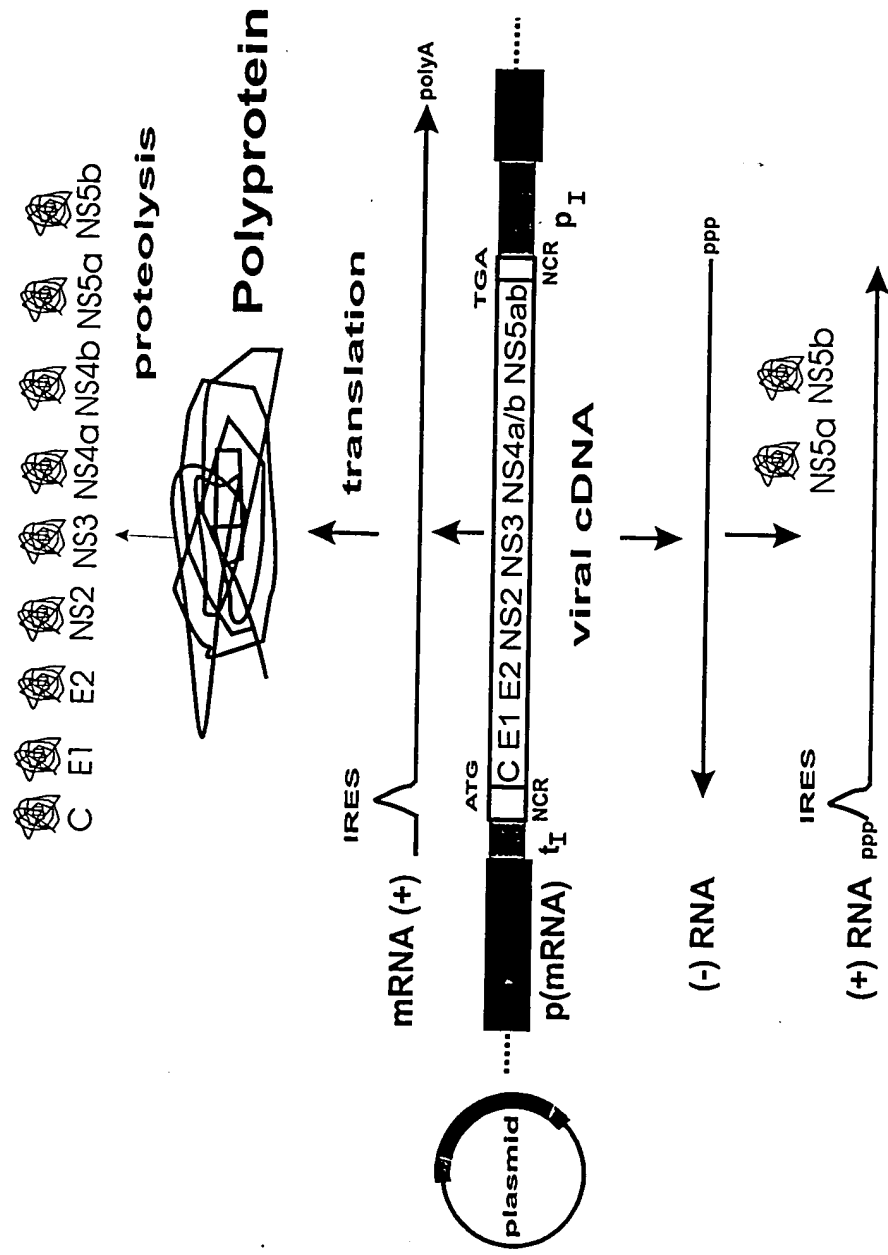


Fig. 9

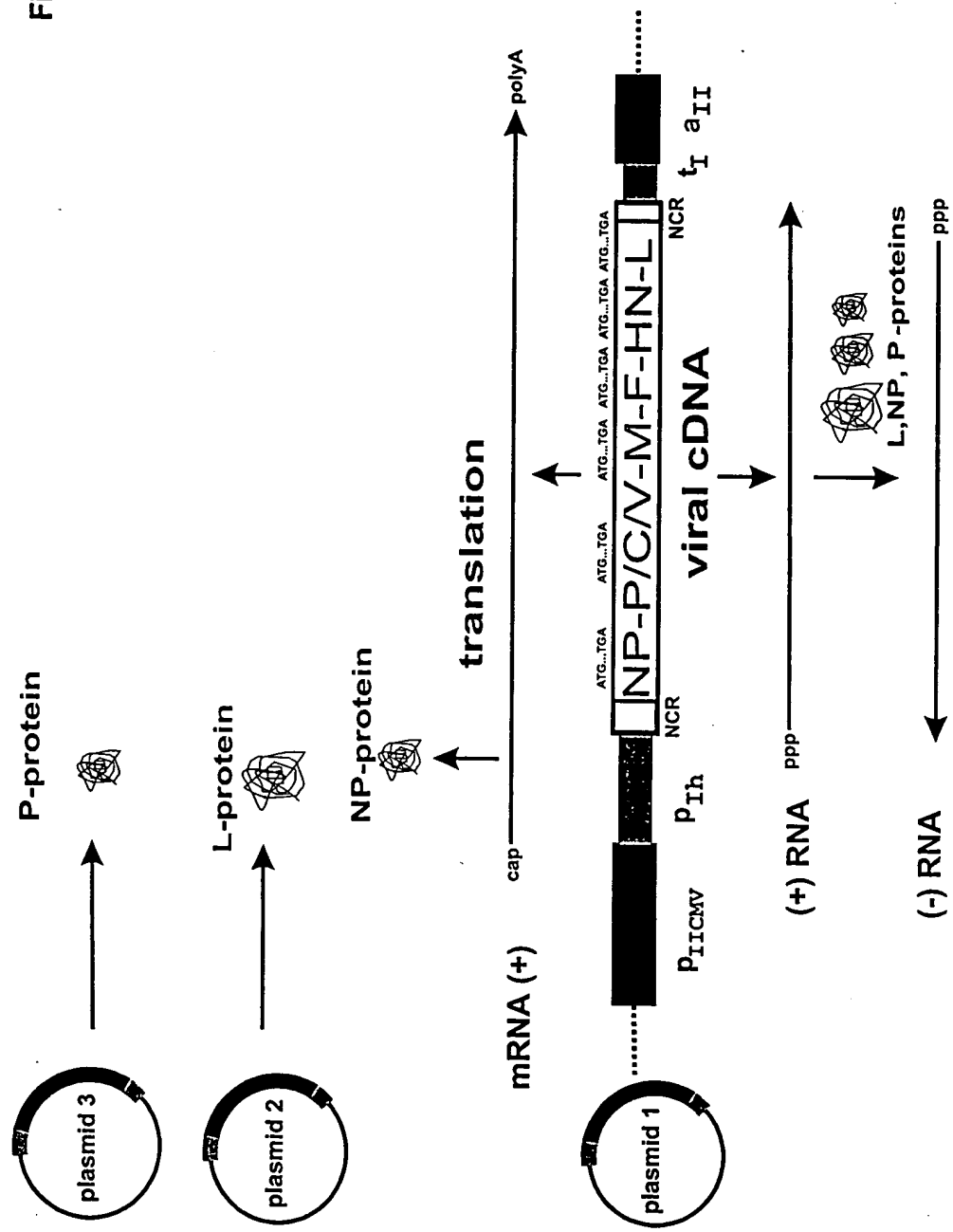


Fig. 10

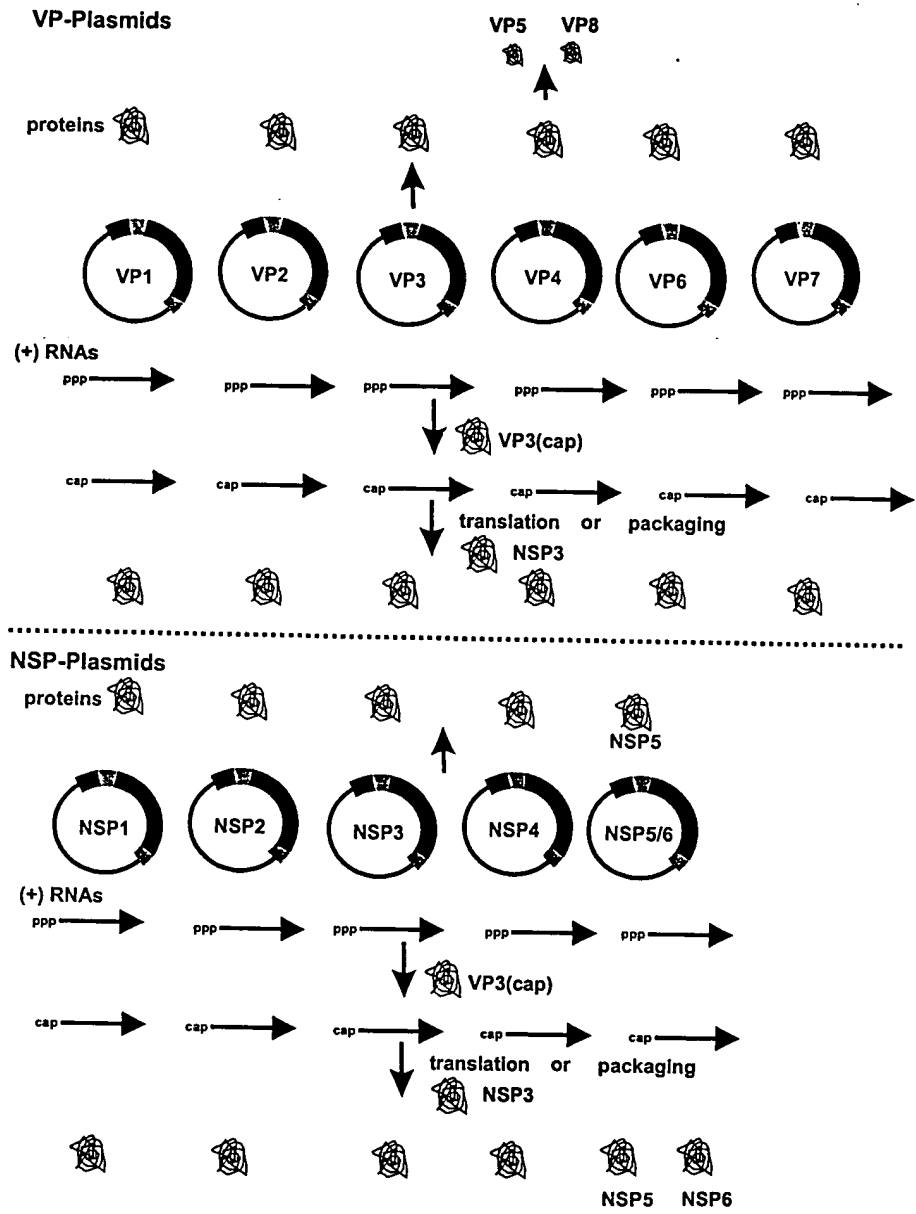
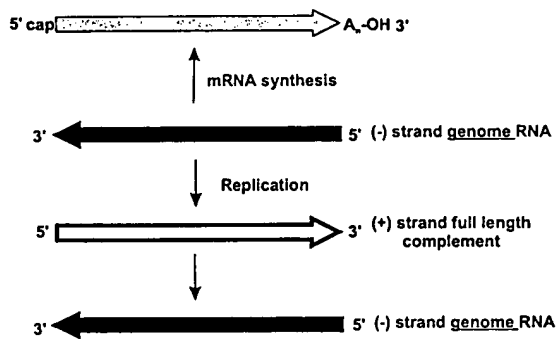


Fig. 11

A (-) strand RNA viruses

Segmented

Orthomyxoviridae: Influenza A, Influenza B, Influenza C,
Thogoto virus, Dhor virus



Unimolecular

Mononegavirales: *Bornaviridae*, *Filoviridae*, *Paramyxoviridae*, *Rhabdoviridae*

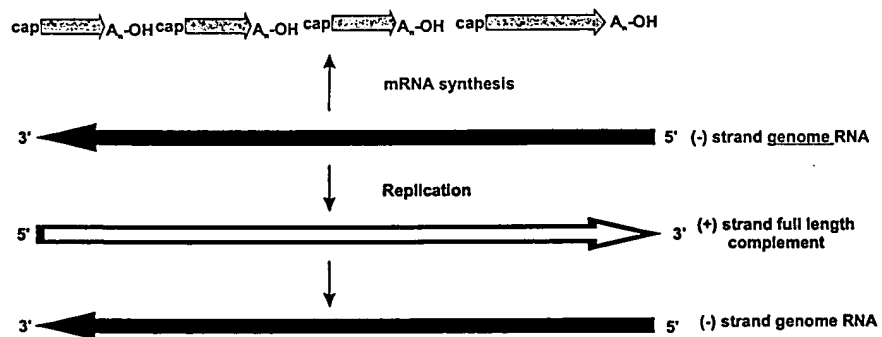
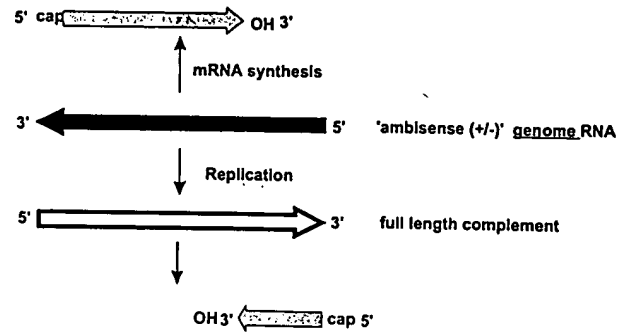


Fig. 11

B Ambisense RNA viruses

Arenaviridae, Bunyaviridae



C Double-stranded RNA viruses

Reoviridae

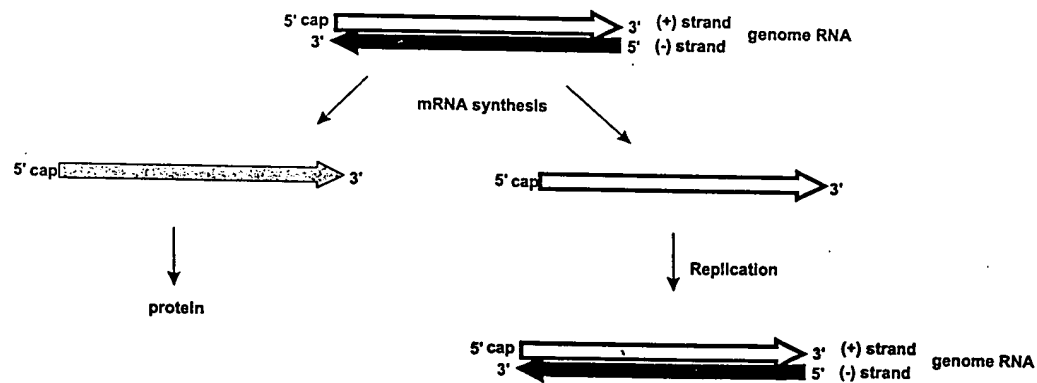
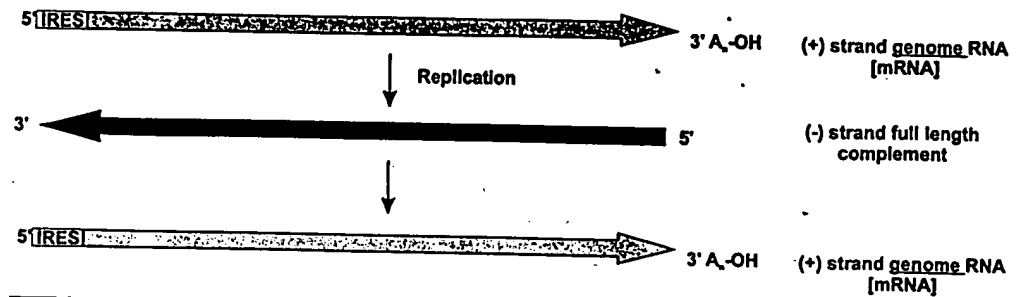
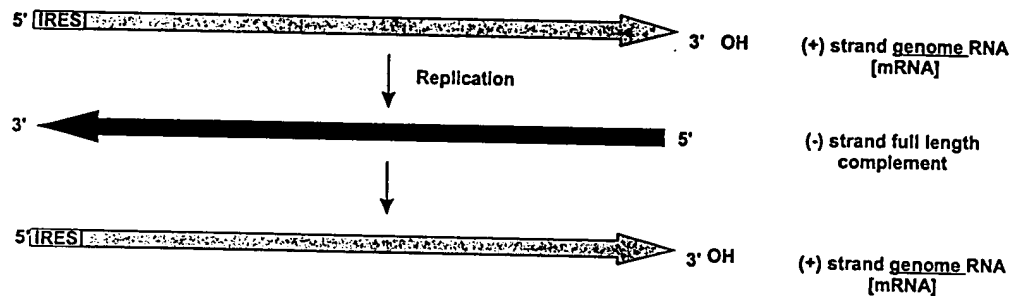


Fig. 11 D (+) strand RNA viruses

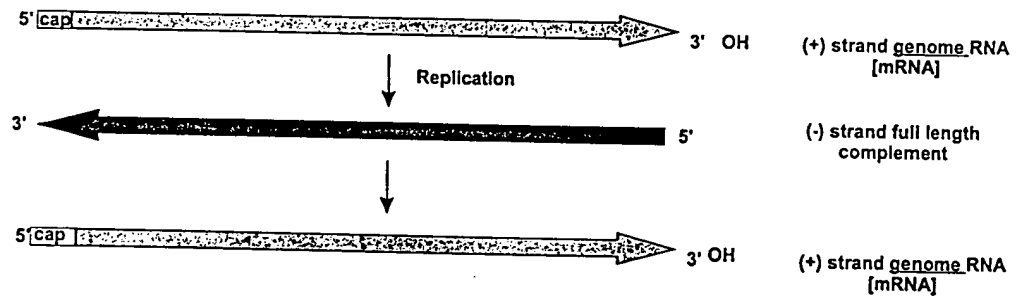
Picornaviridae: Enterovirus, Rhinovirus, Cardiovirus, Aphtovirus, Hepatovirus, Parechovirus



Flaviviridae: Hepacivirus, Pestivirus



Flaviviridae: Flavivirus



Togaviridae and Coronaviridae

